## Message

From: Cope, Ben [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=497EFADD936E4D378225116B8F50FD3F-COPE, BEN]

**Sent**: 4/6/2016 11:44:07 PM

To: Brown, Cheryl A. [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=dd6f8a562924439aaf97ca98ddaf1e10-Brown, Cheryl]; Cox, Michael

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=cddd6a5bb3c2477183799ef56cdb464f-Cox, Michael]; Fullagar, Jill

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=7ba061353c314b40a14a8be1ee382ae3-Gable, Jill]; Labiosa, Rochelle

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ded3654216c9461d95cd5a3ceec507ef-Labiosa, Rochelle]; Cora, Lori

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=c8850941bf1540c796559dce75c2f5ee-Cora, Lori]

Subject: RE: OA 303(d) Briefing Paper

Attachments: OA modeling and assessment support for Bednarsek et al. 2014.docx

All -

See attached for the empirical calculation (aka model) that underlies the past/future estimates in Bednarsek et al. More work to do in understanding and explaining it, but I'm sending this fragment now as an FYI since we're meeting with Dan tomorrow.

This is the stuff I'm hoping Dick Feely will present info on when he visits.

Thanks. -BC

From: Brown, Cheryl A.

Sent: Tuesday, April 05, 2016 10:21 AM

To: Cox, Michael <Cox.Michael@epa.gov>; Fullagar, Jill <Fullagar.Jill@epa.gov>; Cope, Ben <Cope.Ben@epa.gov>;

Labiosa, Rochelle <labiosa.rochelle@epa.gov>; Cora, Lori <Cora.Lori@epa.gov>

Subject: RE: OA 303(d) Briefing Paper

Hi All,

Attached are nearshore aragonite saturation state collected in 2011, including some data in State Waters.

These data are collected during the same time period as the pteropoda paper in Bednarsek et al.

In addition, please replace the previous file that I sent you with this revised one for 2013. There was a cut and paste error but

all the information provided in last email remains valid. There are more data in Oregon State waters during 2013 than in 2011.

In each file, I have a graph of nearshore aragonite saturation state versus station depth.

Hope these are useful.

Cheryl